

## PATENT ABSTRACTS OF JAPAN

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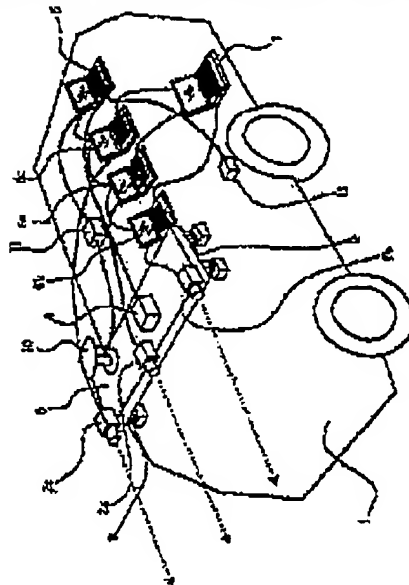
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## (54) METHOD AND DEVICE FOR CREATING COMMON BASE ROAD INFORMATION



## (57)Abstract:

**PROBLEM TO BE SOLVED:** To easily create the common base road information of high accuracy capable of being function as a base information in creating as a geographic map.

**SOLUTION:** The road landscape is photographed by three video cameras 2a, 2b, 2c mounted on a vehicle 1, the first to third road landscape image data are respectively recorded in computers 6a, 6b, 6c, a position of each video camera is measured by an earth position measuring satellite simultaneously with photographing, the direction of the video camera is measured by a three-dimensional gyroscope 4, the position measurement data

and the direction measurement data obtained by a computer 5 are incorporated in the first to third road landscape image data and recorded in the computers 6a, 6b, 6c, and a computer 7 superimposes the first road landscape image data, the second landscape image data, and the third landscape image data, with the incorporated position measurement data and the direction measurement data, and edits the measurement image data.